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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/687,776 | 10/20/2003 | Kyung Su Chae | 0465-0990P | 9604 |
| 2292 7590 08/04/2009 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747 | | | | |
| EXAMINER | | | | |
| MILLER, MICHAEL G | | | | |
| ART UNIT | | PAPER NUMBER | | |
| 1792 | | | | |
| NOTIFICATION DATE | | DELIVERY MODE | | |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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DETAILED ACTION

Response to Amendment

1. Examiner notes the amendment filed 22 JUL 2009. No changes to the claims were presented in the amendment; the amendment will be entered after final.

Response to Arguments

2. Applicant's arguments filed 22 JUL 2009 have been fully considered but they are not persuasive.
3. Applicant's first argument is that Satoi is not suitable for forming an alignment layer on a substrate because it uses inkjet heads which are smaller than the width of the substrate while the invention uses an inkjet head which covers the width of the substrate in one pass. Examiner respectfully disagrees. Applicant does not claim that the alignment layer must be formed in one pass of the inkjet head and does not show that forming the alignment layer in one or multiple passes has any impact on the final alignment layer.
4. Applicant's second argument is that Fairbairn does not teach a relationship between a drying part and a printing part. Examiner points out that Satoi was used to teach the relationship between a printing part and a drying part; Fairbairn was used to teach a locational relationship between two modules of a process. Satoi teaches the rearrangement of modules in its process to be nonlinear; Fairbairn teaches a suitable alternate arrangement. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642

F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

5. Applicant's third argument is that Fairbairn cannot simultaneously perform a drying process in one chamber and a printing process in another chamber. Examiner respectfully points out that as claimed, the invention does not require this.
6. Applicant concludes that based on the above arguments, the subject matter of Claim 1 is allowable over the cited prior art. Examiner respectfully disagrees as discussed above and maintains the finality of the previous Office Action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL G. MILLER whose telephone number is (571)270-1861. The examiner can normally be reached on M-F 7-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Cleveland can be reached on (571) 272-1418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael G. Miller/
Examiner, Art Unit 1792

/Michael Cleveland/
Supervisory Patent Examiner, Art Unit 1792